Table of Contents

International Journal of Information Technology and Web Engineering

Volume 13 • Issue 2 • April-June-2018 • ISSN: 1554-1045 • eISSN: 1554-1053 An official publication of the Information Resources Management Association

SPECIAL ISSUE ON SMART AND CONNECTING TECHNOLOGIES USING INTERNET OF THINGS

GUEST EDITORIAL PREFACE

Ramesh C. Poonia, Amity University Rajasthan, Jaipur, India
Vijay Pal Dhaka, Manipal University Jaipur, Jaipur, India
C.P. Gupta, Associate Professor, Rajasthan Technical University, Kota, India
M.C. Govil, National Institute of Technology, Sikkim India

RESEARCH ARTICLES

- 1 Heuristic Based Coverage Aware Load Balanced Clustering in WSNs and Enablement of IoT Surjit Singh, Department of Computer Engineering, National Institute of Technology, Kurukshetra, India Rajeev Mohan Sharma, Department of Computer Engineering, National Institute of Technology, Kurukshetra, India
- 11 A MapReduce-Based User Identification Algorithm in Web Usage Mining Mitali Srivastava, Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India Rakhi Garg, Computer Science Section, Mahila Maha Vidyalaya, Banaras Hindu University, Varanasi, India P.K. Mishra, Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India
- 24 A Novel Approach for Multi-Cloud Storage for Mobile Devices Rajeev Kumar Bedi, Punjabi University, Patiala, India Jaswinder Singh, Punjabi University, Patiala, India Sunil Kumar Gupta, Beant College of Engineering and Technology, Gurdaspur, India

37 Big Data Handling Over Cloud for Internet of Things

Tarun Goyal, Government Engineering College Ajmer, Ajmer, India Rakesh Rathi, Government Engineering College Ajmer, Ajmer, India Vinesh Kumar Jain, Government Engineering College Ajmer, Ajmer, India Emmanuel Shubhakar Pilli, Department of CSE, MNIT, Jaipur, India Arka Prokash Mazumdar, MNIT, Jaipur, India

48 Security Against Network Layer Attacks for Hierarchal Mesh Environments

Geetanjali Rathee, Department of Computer Science and Engineering, Jaypee University of Information Technology, Solan, India Hemraj Saini, Jaypee University of Information Technology, Solan, India

56 PowKMeans: A Hybrid Approach for Gray Sheep Users Detection and Their Recommendations

Honey Jindal, Department of Computer Science and Engineering, Jaypee Institute of Information Technology, Noida, India Shalini Agarwal, Department of Computer Science and Engineering, Jaypee Institute of Information Technology, Noida, India Neetu Sardana, Department of Computer Science and Engineering, Jaypee Institute of Information Technology, Noida, India

Copyright

The International Journal of Information Technology and Web Engineering (IJITWE) (ISSN 1554-1045; eISSN 1554-1053), Copyright © 2018 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Information Technology and Web Engineering is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)